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PTO-1590 (1-2000)

Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents (i) Terms: patno=6113111 (Edit Search)

952775 (08) 6113111 September 5, 2000

# UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT ...61131111<u>.</u>

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#### Link to Claims Section

September 5, 2000

Sport device

**APPL-NO:** 952775 (08)

FILED-DATE: March 12, 1998

**GRANTED-DATE:** September 5, 2000

ASSIGNEE-AT-ISSUE: Gierveld Beheer B, Wierden, Netherlands (NL), 03

**LEGAL-REP:** Webb Ziesenheim Logsdon Orkin & Hanson, P

#### **ENGLISH-ABST:**

The invention relates to a frame for a sporting device for coupling to a shoe, such as a ski which is slidable or rollable by means of wheels, in particular a cross-country ski, or a skate frame for an ice- skate or roller-skate, which frame comprises: an upper sub-frame with means for coupling to a shoe to be worn by a user, a lower sub- frame which is coupled via a pivot mechanism to said upper sub-frame for pivoting in a main plane and which is provided with or adapted to be provided with a runner or wheels; and a resetting spring for urging both sub-frames toward each other. The frame according to the invention has the special feature that the sub-frames are mutually pivotable and translatable in the said main plane. A specific embodiment has the feature that the sub-frames form part of a mechanism comprising at least four mutually pivotable and/or translatable rods.

Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents

Terms: patno=6113111 (Edit Search)

View: Custom
Segments: Abst, Assigneeatissue, First-pub-date, Legal-rep

Date/Time: Tuesday, July 22, 2003 - 3:12 PM EDT

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1/1 PLUSPAT - ©QUESTEL-ORBIT

#### Patent Number:

US6113111 A 20000905 [US6113111]

#### Title:

(A) Sport device

## Patent Assignee:

(A) GIERVELD BEHEER BV (NL)

# Patent Assignee:

Gierveld Beheer B.V., Wierden [NL]

#### Inventor(s):

(A) GIERVELD JOHAN (NL); HOL DIEDERIK HENDRIK ALEWIJN (NL); OTTEN EGBERT (NL

# **Application Nbr:**

US95277598 19980312 [1998US-0952775]

#### Filing Details:

PCT/NL96/00209 19960524 [1996WO-NL00209] WO96/37269 19961128 [WO9637269]

## **Priority Details:**

NL1000430 19950524 [1995NL-1000430]

NL1001284 19950926 [1995NL-1001284]

NL1002060 19960111 [1996NL-1002060]

WONL9600209 19960524 [1996WO-NL00209]

#### **Intl Patent Class:**

(A) A63C-017/00

#### **EPO ECLA Class:**

A63C-001/28

#### **US Patent Class:**

ORIGINAL (O): 280011150; CROSS-REFERENCE (X): 280011120

#### **Document Type:**

Corresponding document

#### Citations:

US--31797; US-619327; US1228544; US1702316; US3749413; US4351538; US5588774; EP0192312

DE811095; NL8702068

## **Publication Stage:**

(A) United States patent

#### Abstract:

The invention relates to a frame for a sporting device for coupling to a shoe, such as a ski which is slida by means of wheels, in particular a cross-country ski, or a skate frame for an ice-skate or roller-skate, w comprises: an upper sub-frame with means for coupling to a shoe to be worn by a user, a lower sub-frame coupled via a pivot mechanism to said upper sub-frame for pivoting in a main plane and which is provi adapted to be provided with a runner or wheels; and a resetting spring for urging both sub-frames towa The frame according to the invention has the special feature that the sub-frames are mutually pivotable in the said main plane. A specific embodiment has the feature that the sub-frames form part of a mecha at least four mutually pivotable and/or translatable rods.

# **Update Code:**

2000-35

1/1 LGST - ©LEGSTAT

#### Patent Number:

US 6113111 [US6113111]

## **Application Details:**

US 952775/98 19980312 [1998US-0952775]

# **Document Type:**

US-P

# Action Taken:

19980312 US/AE-A APPLICATION DATA (PATENT) US 952775/98 19980312 [1998US-0952775]

20000905 US/A PATENT

20011023 US/CC CERTIFICATE OF CORRECTION

## **Update Code:**

2001-44

1 / 1 CRXX - @CLAIMS/RRX

#### Patent Number:

6,113,111 A 20000905 [US6113111]

# Patent Assignee:

Gierveld Beheer B V NL

#### **Actions:**

20020610 REASSIGNED ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: GIERVELD BEHEER B.V. DATE SIGNED: 10/30/2001

Assignee: SALOMON S.A. LA RAVOIRE METZ-TESSY, HAUTE-SAVOIE FRANCE

Reel 012973/Frame 0273

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1/1 INPADOC - ©INPADOC

#### Patent Number:

US 6113111 A 20000905 [US6113111]

#### Title:

SPORT DEVICE

#### Inventor(s):

GIERVELD JOHAN [NL]; HOL DIEDERIK HENDRIK ALEWIJN [NL]; OTTEN EGBERT [NL]

# Patent Assignee (Words):

GIERVELD BEHEER BV [NL]

#### **Application Details:**

US 952775/98-A 19980312 [1998US-0952775]

## **Priority Details:**

NL 1000430/95-A 19950524 [1995NL-1000430]

NL 1001284/95-A 19950926 [1995NL-1001284]

NL 1002060/96-A 19960111 [1996NL-1002060]

WO 9600209/96(NL)-W 19960524 [1996WO-NL00209]

# Intl. Patent Class.:

# 1/1 LGST - ©LEGSTAT

# Patent Number:

US 6113111 [US6113111]

# **Application Details:**

US 952775/98 19980312 [1998US-0952775]

# **Document Type:**

US-P

## Action Taken:

19980312 US/AE-A APPLICATION DATA (PATENT) US 952775/98 19980312 [1998US-0952775]

20000905 US/A PATENT

20011023 US/CC CERTIFICATE OF CORRECTION

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2001-44